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REPLACES FORM 36-8 WHICH MAY BE USED.

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October 26, 1962

Initial Preparation Machine Language Requirements

- 1. The Committee on Documentation, having informed itself continuously of the state of the computer and associated arts, draws the attention of the USIB to certain windows attention on the USIB to certain windows attention and which must be not over a long preparatory period if mechanization is to become offeetive.
- 2. In particular, the machanization of index and reference collections is likely to be increasingly economical and attractive because of its potential of reducing duplication of effort both analytical and clorical and of accelerating and improving the quality of intelligence, counter-intelligence, and security processes. In this machanization process, new areas of cooperation within the Community will be identified.
- 3. Data processors cannot operate without a data base in machine language, and their use is not effective until this base is comprehensive. It should therefore be the policy of the USIB to urge those members of the intelligence community which have not yet done so to take prompt preparatory steps toward progressive machanization as follows:
 - a. Adopt internally consistent formats for reference and index outries for each application;
 - b. Obtain machino language from all such reference production activities by using special typowritors or keypunchers instead of standard typowritors;
 - c. Store the resulting machine language in anticipation of automatic data processing;
 - d. Eagin systems analysis of this data base with a view to computer handling and programming compatibility within the intelligence community.

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